

COMPOSITIONS AND METHODS FOR THE TREATMENT AND  
PREVENTION OF CARDIOVASCULAR, CARDIAC AND MYOCARDIAL  
DISORDERS, AND FOR IDENTIFYING AGENTS THERAPEUTIC THEREFOR

5

ABSTRACT

10 Methods and compositions are disclosed that are useful for the prevention  
and/or treatment of cardiovascular and cardiac diseases and disorders, or damage  
resulting from surgical or medical procedures that may cause ischemic or  
ischemic/reperfusion damage in humans; and cardiovascular trauma. The beneficial  
effects of the compositions and methods are achieved through the use of  
pharmaceutical compositions that include agents that interfere with the production  
15 and/or biological activities of sphingolipids and their metabolites, particularly  
sphingosine (SPH) and sphingosine-1-phosphate (S-1-P). Also disclosed are  
methods for identifying and isolating therapeutic agents.